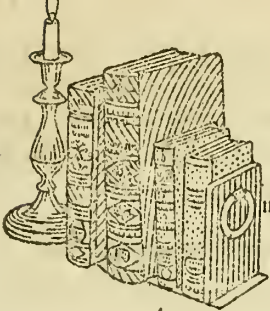


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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

San Francisco Branch  
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San Francisco 11, California  
Telephone: YUkon 6-3111, Local 898

Vol. 8, No. 3

March 1949

## NEW BOOKS

AMERICAN SOCIETY OF CIVIL ENGINEERS. Transactions, vol. 113. 1677 p. N. Y., 1948.

Partial contents: Stability of soil slopes; River infiltration as a source of ground water supply; New formulas for stresses in concrete pavements of airfields; Forecasting productivity of irrigable lands; Consolidation of fine-grained soils by drain wells; Classification and identification of soils; Investigation of drainage rates affecting stability of earth dams.

BACON, LOIS B. and Others. Agricultural Geography of Europe and the Near East. 67 p. Washington, D. C., 1948. (USDA Misc. Pub. No. 665) 1 Ag84M

"This comprehensive volume helps fill the steadily growing need for information on influences affecting agriculture in the areas considered. The Geography discusses many of the physical factors in Europe and the Near East as they relate to agriculture and international trade and gives special emphasis to certain selected commodities in which the United States farmer has a particular interest. Crop and livestock statistics and physical factors are shown on the maps in such a manner that the reader may quickly see how they affect agricultural production and the food supply of the people in the countries discussed."

Foreign Agriculture, Jan: 1949

BATCHELOR, LEON DEXTER, ed. The Citrus Industry. 933 p. Berkeley, Univ. of Calif. Press, 1948. 93.33 W38 v.2

This second volume of a monumental work on "The Citrus Industry" is entitled Production of the Crop. The work is strictly technical, aimed at the enlightenment of citrus growers, investigators or students. It is profusely illustrated.

The San Francisco Branch Library has also Volume I, History, Botany and Breeding.

BEAR, FIRMAN E. and Others. Diagnostic Techniques for Soils and Crops; their value and use in estimating the fertility status of soils and nutritional requirements of crops. 308 p. Washington, D. C., Amer. Potash Inst., 1948. 395 B38D

"Since the beginning of agricultural chemistry, one of the chief problems

has been the determination of the fertilizer needs of the soil. At first, total chemical analysis was used. Later, quantitative and rapid soil and plant tests came into favor. Biological procedures also made their contribution. Visual diagnosis employing indicator crops for the usual nutrient deficiencies have been evolved for field use.

The authors of this book, all eminent scientists in their respective fields, have attempted to bring together in this one volume what is now known about diagnosing soil and crop for optimum production."

BROWN, NELSON COURTLANDT. Logging; the principles and methods of harvesting timber in the United States and Canada. 418 p. N. Y., John Wiley, 1949. 99.76 B81Log

"Logging is the combination and revision of two earlier books by Mr. Brown. Recently developed mechanical devices for use in logging are fully covered as are the important changing aspects of logging methods - felling and bucking with power saws ... expanded use of tractors for skidding, loading, and as an auxiliary in various phases of transportation ... improved motor trucks as the major method of log transportation ... skidding logs in tree lengths to landings for bucking and loading rather than bucking in felling areas ... a great variety of improved time-saving loading devices such as the Drott, Bouffard, Logger's Dream, Montague, and pulpwood loaders with automatic conveyors."

CHEW, ARTHUR P. Plowshares Into Swords; agriculture in the world war age. 227 p. N. Y., Harper, 1948. 281 C42

"In this book Arthur Chew develops the thesis that wars arise as a result of a struggle between industrial nations in their effort to maintain connections with enough farms to provide the food and raw materials essential to the prosperity of the industrial population."

From the Foreword by Henry C. Taylor

CONDIT, IRA J. The Fig. 222 p. Waltham, Mass., Chronica Botanica, 1947. 93.44 C75F

The author's purpose is to gather into one volume the essential facts regarding the fig - facts presented by other authors but heretofore scattered in periodicals and books, and to share with those who are interested the results of his own study and research in California during the last thirty years. Foreword is by Walter T. Swingle.

CONFERENCE ON THE CULTIVATION OF DRUG AND ASSOCIATED ECONOMIC PLANTS IN CALIFORNIA. Proceedings ... held at Los Angeles, Calif., Dec. 2 and 3, 1947. Calif. State Dept. of Education, 1948. 71.9 C762

CRUESS, W. V. Commercial Fruit and Vegetable Products: a textbook for student, investigator, and manufacturer. 906 p. N. Y., McGraw-Hill, 1948. 389.3 C88C Ed.3

This new edition of a standard text and reference book in food technology is the result of extensive revision to bring its material completely up to date. It includes the technological and scientific developments of the past eight years. New chapters have been added, together with a considerable amount of completely new material. One chapter discusses sanitation in food-processing plants and also covers the basic principles and



their applications in plant sanitation and waste disposal. Chapters on canning of fruits and vegetables, spoilage of canned foods, frozen-pack foods, packaging, and dehydration have been extensively revised. There is also material on the mechanical handling and pre-treatment of fruits and vegetables.

FARQUHAR, FRANCIS P. Yosemite: the big trees and the High Sierra; a selective bibliography. 104 p. Berkeley, Univ. of Calif. Press, 1948. 242 F23

From his extensive library on the mountain and other scenic regions of the Far West, the author has selected 25 titles of major importance. He brings out significant facts about the books themselves, cites other works by the same authors or relating to the respective subjects - so the cross references form a far more comprehensive bibliography than the title would suggest.

FLESCH, RUDOLF and LASS, A. H. The Way to Write; rev. ed. 342 p. N. Y., Harper 1949. 200.4 F637

"America is full of people who want and need to write better. They have forgotten what they learned - or should have learned - in school or college. The writing skills they once possessed have grown rusty. They aren't sure about what is grammatically correct. Faced with a typewriter or a blank sheet of paper their minds go blank. They don't know where or how to get ideas, and what to do with them when they get them. They can't get started writing. And once started, they don't know where or how to stop.

"The Way to Write is meant for those who want to do something about improving their writing but have found other books either too academic or too specialized...."

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Soil Conservation: an international study. 189 p. (FAO Agricultural Studies No. 4) Washington, 1948. 28 F73 No.4

"This well-illustrated publication is intended to arouse world awareness of the problem of soil erosion and to stimulate interest in accelerating public programs and private land use which will help conserve the soil. The publication is divided into 11 chapters under 3 general headings: (1) Land - The Physical Base, (2) Losses from Erosion, and (3) Conservation Methods.

"The report deals with general principles and illustrations of problems in specific areas. In no sense is it an inventory of the soil-erosion problem in the world...."

GILBERT, FRANK A. Mineral Nutrition of Plants and Animals. 131 p. Norman, Univ. of Oklahoma Press, 1948. 395 G372

"Mineral deficiencies in human beings - which often lead to the condition described as 'hidden hunger' - result from the consumption of inadequately fortified food, vegetable, animal, or both. An animal cannot be healthy without receiving nutritious forage; and the forage, to have the proper quality, must come from productive soil containing the needed mineral constituents - the final consideration being the nutritive value to man.

"Therefore, this survey of the most important books and articles dealing

with mineral nutrition is a noteworthy addition to the mounting literature on the value of minerals to plants and animals. It presents a sketch of the early history of plant nutrition and a classification of elements in nutrition, together with brief discussions of the use of minerals: phosphorus, calcium, magnesium, potassium, sulfur, iron, copper, cobalt, manganese, zinc, iodine, boron, molybdenum, aluminum, silicon, sodium, chlorine, fluorine, arsenic, lead, and selenium."

GRISWOLD, A. WHITNEY. Farming and Democracy. 227 p. N. Y., Harcourt, Brace, 1948. 281 G88

"This lively book questions one of the sturdiest dogmas of the American political faith - the belief that the independent farmer tilling his own land is 'the backbone of democracy'. This belief, at least professed by nearly every political leader since Thomas Jefferson, has been the basis of a vast governmental system of aid to the farmer which, together with the present worldwide food shortage, has put the American farmer at a peak of prosperity.

"Mr. Griswold tests the theory by tracing the history of farming and democratic progress over the past century and a half in the three great western democracies - Great Britain, France and the United States. His conclusions will be surprising...."

HIBBARD, BENJAMIN HORACE. Agricultural Economics. 441 p. N. Y., McGraw-Hill, 1948. 281.12 H52

"The author presents in simple language and familiar terminology the main economic facts pertaining to the operations and relationships involved in farming under modern economic, political, and social conditions. Recent advances in the field are covered, and more than usual attention is given to such subjects as tariff legislation, farmers' organizations, and political management. Early chapters discuss the significance of farming, and the author then takes up the factors affecting the development of agricultural economics in the changing national and world situation. The final chapter includes the 1945 Census Report."

HOWARD, LOUISE E. The Earth's Green Carpet. 258 p. Emmaus, Pa., Rodale Press, 1947. 30 H83

"The main theme of this book is the danger to the national health of using chemical fertilizer on the land. Man's existence depends on the use he makes of the Earth's Green Carpet. The author, an international authority on agricultural problems, wife of the late Sir Albert Howard, writes on a subject nothing less than the vivid title suggests: life's cycle studied as a whole. This leads inevitably to the importance of a reformed agriculture for the health of the community."

KILE, ORVILLE MERTON. The Farm Bureau Through Three Decades. 416 p. Baltimore, Md., Waverly Press, 1948. 4 Am31Fb

This is the story of the birth, growth, battles, and accomplishments of a great farm organization that has become a potent force in public affairs.

PLEASE WRAP BOOKS SECURELY IN CORRUGATED PAPER

MCDUGALL, WALTER BYRON. Plant Ecology. 4th ed. thoroughly rev. 234 p. Philadelphia, Lea & Febiger, 1949. 463.8 M142 Ed.4

The author has made changes in every chapter of this book in order to bring the facts up to date and in line with our present knowledge of the subject. As in previous editions the text remains concise and easily understandable.

RODALE, J. K. The Organic Front. 199 p. Emmaus, Pa., Rodale Press, 1948. 56.6 R610

"Again J. K. Rodale calls the attention of his readers to the fundamental principles which underlie successful farming and gardening, and more important still, our health. 'Is our health related to the soil?', he asks. Although this may seem a radical question, the author presents evidence in abundance to show how closely plant growth is tuned in with the soil. He points out how quickly plants show abnormalities and deficiencies as the result of bad cultural practices or of derelict soils which may be deficient in any of the many constituents of a living soil. Good soil practices are promptly reflected in disease- and pest-free plants, healthy and happy people."

There is a section on natural foods for humans.

SEED TRADE BUYERS GUIDE; 32nd ed. 248 p. Chicago, Ill., 1949. 62 Se3  
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#### HOOVER COMMISSION REPORTS

Your Branch Library is receiving the reports of The Commission on Organization of the Executive Branch of the Government and they are available for loan. The following have been received to date:

##### REPORTS TO THE CONGRESS

Budgeting and Accounting. 100 p. February 1949  
Department of Agriculture. 41 p. February 1949  
Department of the Interior. 94 p. March 1949  
Office of General Services. Supply Activities. 52 p. February 1949  
Personnel Management. 59 p. February 1949  
Treasury Department. 37 p. March 1949

##### TASK FORCE REPORTS

Federal Personnel (Appendix A) 101 p. January 1949  
The Federal Supply System (Appendix B) 116 p. January 1949  
Records Management (Appendix C) 47 p. January 1949  
Statistical Agencies (Appendix D) 21 p. January 1949  
Fiscal, Budgeting, and Accounting Activities (Appendix F) 110 p. January  
Natural Resources (Appendix L) 244 p. January 1949  
Agricultural Activities (Appendix M) 112 p. January 1949

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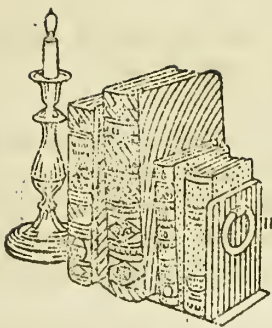
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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

San Francisco Branch  
626 Appraisers Building  
San Francisco 11, California  
Telephone: YUkon 6-3111, Local 898

Vol. 8, No. 4-5

April-May, 1949

## NEW BOOKS

BARRETT, THOMAS J. Harnessing the Earthworm. 184 p. Boston, Bruce Humphries, 1947. 436 B272H

The subtitle of this book is: A practical inquiry into soil-building, soil conditioning, and plant nutrition through the action of earthworms, with instructions for intensive propagation and use of Domesticated Earthworms and biological soil-building.

BENJAMIN, EARL W., PIERCE, HOWARD C. & TERMOHLEN, WILLIAM D. Marketing Poultry Products; 4th ed. 389 p. N.Y., John Wiley, 1949. 280.347 B43M Ed.4

This fourth edition of Marketing Poultry Products will give a clear view of the continuously changing practices in the poultry industry in this country and abroad. Information on methods developed during the war is included, as well as earlier theories that have been proved or disproved by practice. Material has been added on egg freezing and drying, newer methods of dressing and eviscerating poultry, and many other important topics.

BLACK, JOHN DONALD & KIEFER, MAXINE ENLOW. Future Food and Agriculture Policy: a program for the next ten years. 348 p. N.Y., McGraw-Hill, 1948. 281 B56F

"This timely volume is perhaps the first that covers thoroughly the important facts of the present food and agriculture situation both here and abroad and that offers a long-range plan for solving shortages and spreading the food supply.

"In presenting these facts, the book analyzes the problems that arise, reviews and evaluates the programs now in operation or dealing with these problems, and shows how these programs can be revised and integrated for the welfare of all.

"Outlines for action to be taken by various groups in execution of these revised programs are described. These groups include producers, consumers, processors, distributors, labor, the medical profession, the press and radio..."

PLEASE SEE THE NOTICE ON THE BACK PAGE. IT IS FOR YOU.

BRAVERMAN, J. B. S. Citrus Products; chemical composition and chemical technology. 424 p. N.Y., Interscience Publishers, 1949. 389 B733

Since the cultivation of citrus fruits is confined to limited areas and fresh fruit must be shipped for long distances, it has been necessary to convert it into various products, easily preserved and not readily subject to deterioration. This book does not approach the subject historically but gives only the most recent opinions and new developments in the industry.

ELCHIBEGOFF, IVAN M. United States International Timber Trade in the Pacific Area. 302 p. Stanford Univ. Press, 1949. 99.76 EL1

"This book discusses the past and present developments in the international timber trade in the Pacific area and, on the basis of principles evolved from the analysis of the past, indicates its probable future trend. Since timber is a primary commodity, 'mined' or cropped from a natural resource, a consideration of the physical basis of forests is as important as the analysis of the purely socio-economic factors involved. Hence, in this investigation the approach has been a synthesis of all relevant knowledge properly belonging to various scientific disciplines - in the main physical and social".  
From the Preface.

HINKLE, GEORGE & BLISS. Sierra-Nevada Lakes. 383 p. N.Y., Bobbs-Merrill Co., 1949. 138 H59 (American Lake Series)

Much of the history of California and Nevada centers about the lakes which dot the Sierra range and the Western Great Basin. The area under discussion is the region between Honey Lake and Mono and the writers have "chosen to introduce each lake in the order of its emergence as a factor in the developing chronicle of the region".

OOSTING, HENRY J. The Study of Plant Communities. 389 p. San Francisco, W. H. Freeman & Co., 1948. 463.8 Oo92

"The Study of Plant Communities is written from the synecological point of view and reflects present-day physical thinking. The purpose of the book is to describe the nature and variations of plant communities, and to state the methods that can be used to identify and classify them.

"The factors that govern plant communities, regionally and locally, are discussed, and a section is given to the probable permanence of climax, with a study of past climaxes and description of the measures taken to maintain them. Of particular interest to the 'practicing' ecologist is the final section, devoted to a survey of the application of the ecological point of view to range management, agriculture, conservation, landscaping, forestry and human relations".

POOL, RAYMOND J. Marching With the Grasses. 210 p. Univ. of Nebraska press, 1948. 60.1 P78

"This book describes the role that wild and cultivated grasses has played in the slow evolution of human society. Tracing significant and fundamental patterns which figure in man's upward struggle towards a more perfect life, the author examines the grasses and their contribution to the cultures prevalent in their native region".



SHEAT, WILFRID G. Propagation of Trees, Shrubs, and Conifers. 479 p. London, Macmillan, 1948. 90.11 Sh3

"...The subject material is presented in encyclopaedic form and is very comprehensive, in that it considers not only the more popular trees and shrubs, but also the less well-known and even rare species and varieties.

"The book is essentially practical, and pays careful attention to the difficulties and stumbling-blocks that are sure to be encountered. Each plant is classified under its family, genus and species, and the common names are also given. The text is arranged alphabetically, and a comprehensive index is given which makes immediate reference possible".

U. S. CONGRESS. HOUSE. COMMITTEE ON APPROPRIATIONS. Hearings before the Subcommittee of the Committee on appropriations, House of Representatives, Eighty-first congress, First session, on the Department of Agriculture Appropriation Bill for 1950. 2 parts. Washington, D.C., 1949. 148.9 Ap6

Please indicate the part in which you are interested; otherwise we will send both volumes.

U. S. CONGRESS. SENATE. COMMITTEE ON APPROPRIATIONS. Hearings before the Subcommittee of the Committee on Appropriations, United States Senate, Eighty-first congress, First session on H. R. 3997, a bill making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1950, and for other purposes. 1031 p. Washington, D. C., 1949. 148.7 Ap6

#### SELECTED PAMPHLETS

##### AERIAL PHOTOGRAPHY

Aerial Photo alignment guide, by O. K. Hutchinson. 2 p. Columbus, Ohio, 1948. (Central states forest expt. sta. notes No. 50) 1.9 F76 C33S No.50  
A short cut for scaling aerial photos, by E. J. Rogers. 10 p. Upper Darby, Pa., 1948. (Northeastern forest expt. sta. Station paper No. 20) 1.9622 N2St22  
Theory of photogrammetry, by E. Church. 69 p. Syracuse, N.Y., 1948. (Syracuse Univ. Dept. of photogrammetry. Bul. No. 19) 332 Sy8B No. 19

##### FORESTRY

Cordwood volume tables for second-growth Douglas-fir, by G. R. Staebler. 3 p. Portland, Oreg., 1949. (Pacific Northwest forest & range expt. sta. Research note No. 52) 1.9 F76 P11F No. 52  
Development of a blister rust control policy for the national forests in the Inland Empire, by D. N. Matthews. 116 p. Missoula, Mont., 1948. (Northern Rocky Mountain forest & range expt. sta. Station paper No. 16) 1.9 F76 N815S  
Effect of timber cutting on water available for stream flow from a lodgepole pine forest. 43 p. 1948. (USDA Tech. bul. No. 968) 1 Ag84Tc No. 968  
Forests and national prosperity: a reappraisal of the forest situation in the U.S. by U. S. Forest service. 99 p. 1948. (USDA Misc. Pub. No. 668) 1 Ag84M  
How to sow mustard in burned watersheds of southern California, by C. H. Gleason. 31 p. Berkeley, Calif. 1948. (Calif. Forest & range expt. sta. Forest research note No. 37 rev.) 1.9 F7626R No. 37

- Possibilities of modifying lightning storms in the northern Rockies, by V. J. Schaefer. 17 p. Missoula, Mont., 1949. (Northern Rocky Mountain forest & range expt. sta. Station paper No. 19) 1.9 F76 N815S
- Practical guides for seeding grass on eroded roads, trails, and landings, following logging on east-side forests of Washington and Oregon. 5 p. Portland, Oreg. (Pacific Northwest forest & range expt. sta. Research note no. 49) 1.9 F76 P11F
- Selling black walnut timber, by W. D. Brush. 19 p. 1948. (USDA Farmers' bul. No. 1459 rev.) 1 Ag84F No. 1459
- Site classification for even-aged stands of western hemlock, by G. H. Barnes. 7 p. Portland, Oreg., 1949. (Pacific Northwest forest & range expt. sta. Research note No. 50) 1.9 F76 P11F
- Some economic aspects of growing sugar pine in California, by H. J. Vaux. 31 p. Berkeley, Calif., 1948. (Calif. Forest & range expt. sta. Forest research note No. 58) 1.9 F7626R No. 58
- Taper tables for western hemlock, by F. A. Johnson. 5 p. Portland, Oreg., 1949. (Pacific Northwest forest & range expt. sta. Research note no. 51) 1.9 F76 P11F

### FUR, FEATHERS & FIBERS

- Animal fibers used in brushes, by T. N. P. Hardy. 15 p. 1949. (USDA Cir. No. 802) 1 Ag84C No. 802
- The Angora goat, by G. P. Williams. 21 p. 1946. (USDA Farmers' bul. No. 1203 rev.) 1 Ag84F No. 1203
- Feathers from domestic and wild fowl. 28 p. 1949. (USDA Cir. No. 803) 1 Ag84C
- Mink raising, by C. E. Kellogg. 42 p. 1948. (USDA Cir. No. 801) 1 Ag84C No. 801

### HOME IMPROVEMENTS

- Considerations in planning kitchen cabinets, by M. Wilson. 90 p. Corvallis, Oreg. 1947. (Oreg. Agr. Expt. Sta. Bul. No. 445) 100 Or3(b) No. 445
- Construction of farm refrigerators and freezers, by J. R. Tavernetti. 18 p. Berkeley, Calif., 1948. (Calif. Agr. Expt. Sta. Cir. No. 387) 100 C12S(c)
- Farm layout and farmstead planning for irrigated farms in central and eastern Oregon. 31 p. Corvallis, Oreg., 1948. (Oreg. Agr. Col. Ext. Bul. No. 685) 100 Or3EB No. 685
- Home built farm refrigerators. 46 p. Pullman, Wash., 1947. (Wash. State Col. Ext. Serv. Bul. No. 317 rev.) 100 W27EB No. 317
- Pattern for kitchen cabinets, by M. Wilson. 95 p. Corvallis, Oreg. (Oreg. Agr. Expt. Sta. Bul. No. 446) 100 Or3(b) No. 446
- Planning the efficient kitchen. 39 p. Pullman, Wash., 1946. (Wash. State Col. Ext. Bul. No. 247) 100 W27EB No. 247
- Planning the electric water system and plumbing for your farmstead, by REA. 15 p. 1949. (USDA Misc. Pub. No. 674) 1 Ag84M No. 674
- A septic tank for farm homes. 22 p. Berkeley, Calif., 1949. (Calif. Agr. Col. Ext. Cir. No. 82 rev.) 100 C12E No. 82

### POULTRY

- The chicken business in California, by A. Shultis. 20 p. Berkeley, Calif., 1948. (Calif. Agr. Col. Ext. Cir. No. 147) 100 C12E No. 147
- Nutritive requirements and feed formulas for chickens. 26 p. 1948. (USDA Cir. No. 788) 1 Ag84C No. 788
- Poultry houses and equipment. 75 p. Berkeley, Calif., 1949. (Calif. Agr. Expt. Sta. Bul. No. 476 rev.) 100 C12S(b) No. 476



TO ALL OUR BORROWERS

The Chief of the Division of Field Library Services is making a survey of library service needs of USDA field personnel. The needs, in general, are known, of course, but specific statements are wanted from individual borrowers.

Suggested topics for comment are:

Are you receiving the books and periodicals you need to keep informed of agricultural programs and developments?

Do you know about the photoprint service and is it satisfactory?

Are the reference and bibliographical services satisfactory? We would like your comments on the San Francisco Library Newsletter and the Bibliography of Agriculture.

Working tools vs. library collections.

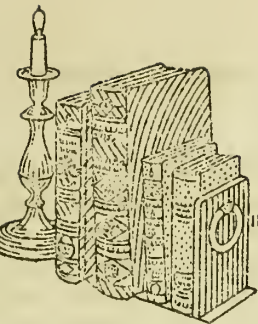
Are there other services that you think the library should supply?

Please write your comments on this page and mail it to us at once. We would like to hear from you before June 25.

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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

San Francisco Branch  
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Telephone: YUkon 6-3111, Local 898

Vol. 8, No. 6-8

June-July-Aug. 1949

## NEW BOOKS FOR A NEW START

Field season is nearing an end; you may be returning to your office. Or a brief vacation may have left you refreshed and full of new enthusiasm for the old job. In any case Fall seems to be the time to formulate plans and initiate new projects. Philip B. McDonald in Personality and English in Technical Personnel says:

"Sometimes the technical man, before he starts a new piece of work, does not look up sufficiently in the books and records that are easily available in a good library. He may be a good laboratory-man, but a poor library-man. Yet a week's careful work in the library may save six months' work in the laboratory, or may turn a failure into a success ..."

Your Branch Library is here for just that purpose - to provide carefully selected books and periodicals to help you do your work more efficiently.

A few of the books which we have received this summer are reviewed briefly below. Space permits only a partial listing so do not hesitate to ask for the material you need whether it is mentioned here or not.

BROWN, H. P., PANSHIN, A. J. & FORSAITH, C. C. 'Textbook of Wood Technology. V. 1. Structure, Identification, Defects, and Uses of the Commercial Woods of the United States. 652 p. N. Y., McGraw-Hill, 1949. 99.79 B81T

This book is a revision of Commercial Timbers of the United States which appeared in 1940. Wood technology made tremendous strides during World War II and this data now becomes a matter of record. Volume II will follow covering the physical, mechanical, and chemical properties of wood.

DIES, EDWARD JEROME. Titans of the Soil; great builders of agriculture. 213 p. Chapel Hill, Univ. of N. C. Press, 1949. 119 D563

"In the creation of America's magnificent agricultural empire, seventeen men - statesmen, scientists, inventors, explorers - made monumental contributions which helped to reduce hunger and lift the burden of drudgery. Here are the swiftly moving stories of the lives and works of these men, brought together for the first time."

WE DON'T LIKE OVERDUE NOTICES ANY BETTER THAN YOU DO

GLEISINGER, EGON. The Coming Age of Wood. 279 p. N. Y., Simon & Schuster, 1949. 99.75 G48

"This is an optimistic book on the future of the world. Where practically every other writer has been a Cassandra, Dr. Egon Glesinger shows how we can confidently look forward to plenty, not to starvation; to superior housing rather than shortages; to many more clothes rather than nakedness. The facts are presented in a simple, direct fashion, and with the unimpeachable authority of a high official in the UN's Food and Agriculture Organization. He is in a position to know that through developments in forestry and wood industries now going on, the Coming Age of Wood will double the standard of living for the entire world".

Quoted from the book jacket

GRAHAM, EDWARD H. & VAN DERSAL, WILLIAM R. Wildlife for America: the story of wildlife conservation. 109 p. N. Y., Oxford Univ. Press, 1949. 412.9 G76

"When we settled our country we changed the face of the land and we changed the fate of the wild creatures who inhabited it. Some of them have gone, never to return; some of them will vanish, too, if we do not do something to preserve them.

"What we have done to protect many of these creatures, as well as what we must do to improve our wildlife is clearly and simply told in the book in text and pictures. The authors also show us what an important part wild life plays in the economic life of all of us. We learn what wildlife means to our agriculture, our forests, our pleasure and esthetic enjoyment".

HINDUS, MAURICE. In Search of a Future, Persia, Egypt, Iraq and Palestine. 270 p. N. Y., Doubleday, 1949. 280.185 H58

"From observations based on long residence and frequent travels in eastern Europe and the Middle East, Mr. Hindus believes that Jewish Palestine, in achieving a workable agricultural economy and proving that desert lands may be prosperous, provides a working plan for the other nations of the Middle East. Unless, in one way or another, to suit the character of their peoples and the physical conditions of their lands, the Mohammedan nations avail themselves of the example Palestine has set in pioneering a new way of life in desert country, their future is grim indeed. And now is the most advantageous time for them to start, Mr. Hindus feels, while most of these countries are still secure from foreign encroachments."

HOPKINS, JOHN A. & HEADY, EARL O. Farm records; 3rd ed. 303 p. Ames, Iowa State college Press, 1949. 30.6 H77F Ed.3

"The central purpose of this book is to develop practical applications of accounts and records in the management of the farm. Treatises on farm accounting have, too often, explained the mechanical perfections of an elaborate system of accounts and then stopped without pointing out specific uses to which such a system could be put - as though the accounts were the end in themselves".



LAURIE, ALEXANDER & KIPLINGER, D. C. Commercial Flower Forcing; the fundamentals and their application to the culture of greenhouse crops; 5th ed. 550 p. Philadelphia, Blakiston Co., 1948. 90.13 L37 Ed.5

Although basic principles remain the same, new ideas in flower forcing are being developed. Constant level irrigation, gravel culture, control of pests, application of photoperiodism to certain plants are discussed at length.

MORRISON, FRANK B. Feeds and Feeding: a handbook for the student and stockman; 21st ed. 1207 p. Ithaca, N. Y., Morrison Pub. Co., 1949.

The first edition of Feeds and Feeding was published 50 years ago. This, the 21st edition, gives particular attention to recent discoveries in nutrition. Feeding standards are discussed and economic principles of feeding are considered. Information on the composition, properties, and use of all important feeding stuffs is given, and important facts concerning nutrition, feeding, care and management of various classes of livestock, including poultry.

PARPAT, ARTHUR K. ed. The Chemistry and Physiology of Growth. 293 p. Princeton Univ. Press, 1949. 442 P242

"The mystery of growth is one of the outstanding unsolved problems of biology. It has wide implications, and it has been attacked from many directions. In this book ten leaders of research on the problems of growth - which includes cancer research - report their own work and point out what needs to be done ..."

SAUCHELLI, VINCENT. Manual on Fertilizer Manufacture. 126 p. Baltimore, Davison Chemical Corp., 1946. 57.2 Sa8

"This is a semi-technical treatise on the chemistry and mechanics of fertilizer manufacture. The author, who is the Director of Agricultural Research for the Davison Chemical Corporation, quite naturally discusses his subject along the lines most applicable to the operations of his own company. At the same time his observations and comments are broad enough to cover almost any operation..."

SELF, MARGARET CABELL. The Horseman's Encyclopedia. 519 p. N. Y., A. S. Barnes & Co., 1946. 42 Se4H

"The purpose of this volume is to put before the reader in encyclopedia form the facts pertaining to horses as established by recognized authorities". Emphasis seems to be on basic matter such as care and feeding of the horse, proper harness and riding, rather than on the horse in sports.

SHOEMAKER, JAMES SHELDON. Vegetable Growing. 506 p. N. Y., Wiley, 1947. 91.15 Sh7

Because of the basic significance of good seed in the successful growing of vegetables, seed production is the first subject discussed in the text. After the chapter on seed production, each vegetable is discussed individually, not in alphabetical arrangement, but by groups of crops.

STEWART, JEAN J. & EDWARDS, ALICE L. Foods: production, marketing and consumption; 2nd ed., 490 p. N. Y., Prentice-Hall, 1948. 389 St4 Ed.2

This book presents fundamental information basic to the selection and preparation of foods by individuals and to the feeding of families and larger groups. The recent war, focusing effort upon the building of a more efficient nation, has resulted in much research as to methods of improving food practices. The final result has been the emergence of practical plans by which the average homemaker can apply scientific knowledge in the selection of food and preparation of this for her family.

SPURR, WILLIAM A. Forecasts of California's population and production, 1950-1960. 28 p. Stanford Univ. Graduate School of Business, 1949. 280.010 Sp9 (Business Research Series No. 4)

This study presents forecasts of the population of California and its total output of goods and services from 1949 to 1960. Population has been predicted by seven methods, and the probable range of error is also shown. Estimates of total production of goods and services are then derived from estimated trends in employment, working hours and output per man-hour.

TITMUSS, F. H. A Concise Encyclopedia of World Timbers. 156 p. N. Y., Philosophical Library, 1949. 99.01 T53

"A useful work of reference for all users of timbers containing detailed descriptions of nearly 200 different timbers, with macroscopic identification of the woods in more common use."

U. S. DEPT. OF AGRICULTURE. Trees: the yearbook of agriculture, 1949. 944 p. Washington, Govt. Print. Off., 1949. 1 Ag84Y 1949

The Secretary of Agriculture says: "I wish, for several reasons, that every American might have the opportunity to read this book about trees. First, the book underscores the importance of forests to our national and individual prosperity, security, and happiness. Of all the figures and facts marshalled here in proof of this importance the most striking to me is that our drain of saw timber is one and one-half times its rate of growth. Other proof is close at hand - the wooden pencil with which I write, the chair I sit in, my desk, and the doors of my office".

The editor explains why a new volume has been added to the extensive literature on trees and forests: "We have tried here to put into clearer perspective some items of history, importance, administration, and outlook that so far have been in scattered form. We have tried to explain another broad segment of the Department's work. We have tried to tell the essentials of choosing, planting, and growing trees as a farm crop, as a renewable national treasure, as a necessary part of country and city life. We have tried to make a book that is practical and useful for all Americans and interesting and inspiring for those who are unaware of the beauty and delight of the woods. We have tried to tell how and why to plant trees and care for them, and to offer a sort of forum to persons of divergent viewpoints, with all of which we do not necessarily agree".

Several hundred persons cooperated to produce this excellent book and our

own Dr. N. T. Mirov of the California Forest & Range Experiment Station wrote the opening chapter. Color photographs add interest. At the end of the volume much useful information will be found - a list of important forest trees, a key for identifying woods, directories of state forestry agencies, a glossary of terms woodsmen use.

VAUGHAN, LAWRENCE M. & HARDIN, LOWELL S. Farm Work Simplification. 145 p. N. Y., Wiley, 1949. 283 V46

"The authors apply the industrially-developed techniques of motion and time study to farm work. They discuss the savings to be made, the principles of effective work, and the way in which results of studies may be used".

WILKINSON, ALBERT EDMUND. The Encyclopedia of Fruits, Berries, & Nuts and How to Grow them. 271 p. Philadelphia, Blakiston Co., 1945. 93.21 W65 (New Home Library)

Planned for the home gardener, the book is divided into two parts, Part I, the Encyclopedia of Fruits, Berries and Nuts, in which the subjects are taken up in alphabetical order, and Part II, The Gardener's Guide, which contains instructions and suggestions which apply to home fruit gardeners as a whole.

\* \* \* \* \*

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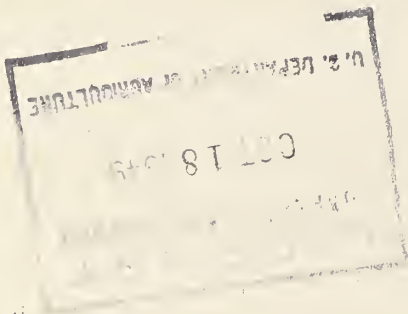
California Mining Journal. mo.  
National Chinchilla Breeder. mo.  
U. S. Dept. of Agr. BAE Agricultural Economics Research. mo.

The Journal of Agricultural Research suspended publication with the June 15 issue.

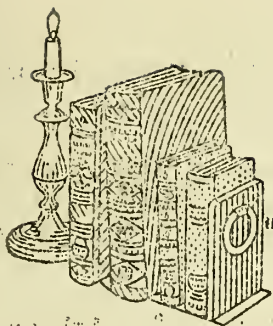
If you have changed your address, or if you wish to have your name added or deleted from a routing list, please do not note this information on the routing slips but do send a memo directly to the Library. Some of the periodicals remain in circulation for many months - which also means that your instructions do not reach us for many months.

The routing of periodicals is speeded up tremendously when you forward them to the next borrower on the list instead of returning them to the Library, unless your name is at the bottom of the list. Thank you.

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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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Vol. 8, No. 9-10

Sept.-Oct. 1949

## NEW BOOKS

BRIGGS, HILTON M. Modern Breeds of Livestock. 772 p. N. Y., Macmillan, 1949  
40 B76

"This volume has been prepared more fully to acquaint the student and prospective breeder with the various breeds of livestock that have been and are currently being used to improve our general levels of commercial production. Our respective improved breeds have been developed to satisfy demands for animals that would economically turn grass, hay and concentrates into meat, milk, wool, power, or pleasure."

A splendid book treating each breed impartially. It considers the present status of each breed and its possible future.

CARTER, VERNON GILL. Man on the Landscape; the fundamentals of plant conservation. 129 p. Washington, D. C., National Wildlife Federation, 1949. 279 C24M

The author states the purposes of his little book: (1) to establish plants en masse as a much neglected and exceedingly important factor in the welfare of man, (2) to identify the social and personal problems arising from deficiencies in the quantity and quality of vegetation, (3) to reach an understanding of the complex maze of relationships found in the landscape and how they have developed, (4) to set forth the principles of landscape management or environmental engineering by which man can ease many of his troubles and avoid others, (5) to suggest how the younger generation may be made aware of the great part vegetation will play, for good or evil, in its life.

Profusely illustrated.

CLAPP, JOHN MANTIE. Effective Talking in Conference - directness - courtesy - caution. 140 p. N. Y., Ronald press, 1948. 145.2 C53E

"This book deals with one of the important and difficult responsibilities of a busy man, his handling of the informal discussion of conferences and small meetings. Important because it is in the intimate meetings of small groups that decisions are made and plans worked out. Difficult because full success in winning your point requires the precision of aim of public speaking as well as the naturalness of conversation."

PLEASE WRAP BOOKS SECURELY IN CORRUGATED PAPER

DUNHAM, WAYLAND A. It's a Date. 156 p. Pasadena, Calif., Publication Press, 1948. 93.43 D92

Although this book contains much factual information on the date industry and the desert where it is grown, the book is written in a chatty and whimsical style. One chapter is devoted to introducing dates into the daily menu.

FORMAN, JONATHAN, ed. Soil, Food and Health; "You are what you eat", with an introduction by Louis Bromfield. 342 p. Columbus, Ohio, Friends of the Land, 1948. 279.12 F76

"In addition to presenting the papers read at the Seventh Annual Conference on Conservation, Nutrition, and Health, there appear integrating essays by the editors setting forth the relation of each address to what had been learned at the previous Conferences and to the whole subject".

GUDDE, ERWIN G. California Place Names: a geographical dictionary. 431 p. Berkeley, Univ. of California press, 1949. 124 G93C

This book presents the story of thousands of geographical names of California, giving their dates, circumstances of naming, their origin and evolution, and their connection with our national history, and their relation to the California landscape. Pronunciation of unusual names is given according to local usage. The entries are arranged alphabetically, with cross references when necessary. Names within an entry are presented chronologically.

HUTCHESON, THOMAS B. The Production of Field Crops, a textbook of agronomy; 3d ed. 430 p. N. Y., McGraw-Hill, 1948. 64 H97 Ed.3

"In revising this text the authors have incorporated the many advances in agronomy which have occurred since the publication of the second edition. New material has been added on weed control; seedbed preparation, including stubble mulch farming; recent developments in the making of silage, such as "grass silage"; new methods in the curing of peanuts; development of hybrid corn; etc. A discussion of green manure has been added".

KRAMER, PAUL J. Plant and Soil Water Relationships. 347 p. N. Y., McGraw-Hill, 1949. 463.3 K86

"In this relatively brief but advanced textbook in the field of plant physiology, one of the leading authorities on the subject gives an integrated discussion of the various factors which affect the absorption of water by plants. These factors include the availability of soil moisture, the development of efficient root systems, the nature of the absorption process, the relation between the absorption of water and the absorption of minerals, and the relation between water absorption and other plant processes."

LAPHAM, MACY H. Crisscross Trails: narrative of a soil surveyor. 246 p. Berkeley, Calif., Willis E. Berg, Pub., 1949. 120 L312

Quoting from the author's preface: "Nearly forty-five years of service with the Soil Survey of the United States Department of Agriculture, has taken the author into many interesting nooks and corners of the West. This has been the means of acquiring a sequence of personal experiences, incidents,



and observations to be filed away in the pages of memory, treasured in retrospect, and now taken out and related in the after years.

"This account has been undertaken at the suggestion of many friends of the field to whom, in hours of social companionship, some of the incidents have been related. The book is offered as an unpretentious historical record of the organization and development of the Soil Survey, in which a recital of associated personal observations and incidents has been included."

Afoot and on horseback, by top buggy and spring wagon; by Pullman car and locomotive cab; by bicycle and automobile; and by rowboat and steamer the author takes the reader thousands of miles through the far West in a narrative of dramatic interest, adventure, quaint humor, and idle-hour tales of a not too skillful fisherman. Random headings lifted from the contents include such as these: First days in the field; Reminiscences of Utah; Along the Old Santa Fe Trail; Arizona characters; Ghost towns and mining centers; Delta islands and steamboats; Wild geese and rice; Branch line and narrow gauge; Log home in the forest; Las Pulgas and the Devil's Den; Desert prospectors; "Hi Jelly" and the camel caravan.

NILES, MARY CUSHING HOWARD. Middle Management; the job of the junior administrator. rev. ed. 274 p. N. Y., Harper, 1949. 249.3 N59

A new edition of an excellent book on the explanation and application of sound principles in management written by a recognized consultant in the field.

WACHNERMAN, A. E. Harvesting Timber Crops. 437 p. N. Y., McGraw-Hill, 1949. 99.76 W11

"The subject of timber harvesting is treated in this book as an integral part of forestry, rather than as an independent procedure. The treatment is not limited to logging, but covers the harvesting of all important forest products such as saw logs, pulpwood, poles, ties, and veneer blocks. This text treats harvesting as the culmination of all forestry effort, and treats the several steps of harvesting in logical sequence with appropriate weight. Emphasis is placed on how operations should be performed for greatest economy consistent with good practices. Many illustrations are included".

#### SELECTED PAMPHLETS

##### ADOBE

Adobe or sun-dried brick for farm buildings. 18 p. 1949. (USDA Farmers' bul. No.1720) 1 Ag84F No. 1720

##### ATOMIC ENERGY

Auburn conference on the use of radioactive isotopes in agricultural research. Proceedings ... December 18-20, 1947. 146 p. Auburn, Ala., 1948. 386 C78

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## CLOTHING

Buying men's suits. 23 p. 1949. (USDA Misc. Pub. No. 688) 1 Ag84M No. 688  
Dresses designed for little girls. 4 p. 1949. (USDA Leaflet No. 255) 1 Ag84L  
Making a coat. 23 p. 1948. (Calif. Agr. Col. Ext. Cir. No. 145) 100 C12E No. 145  
Men's preferences among selected clothing items. 16 p. 1949. 1.941 P1M52

## FERTILIZERS

The fertilizer situation for 1948-49. 11 p. 1948. 1.9424 M2F41  
Fertilizers, soil analysis, and plant nutrition, by D. R. Hoagland. 24 p. 1949.  
(Calif. Agr. Expt. Sta. Cir. 367 rev.) 100 C12S No. 367  
Mixing fertilizers on the farm. 13 p. 1949. (USDA Farmers' Bul. No. 2007)  
1 Ag84F No. 2007

## FOOD PRESERVATION

Experimental compression of dehydrated foods. 57 p. 1948. (USDA Misc. Pub. No. 647) 1 Ag84M No. 647  
Freezing preservation of fruits and vegetables. 5 p. 1948. (Oreg. Agr. Col. Ext. Bul. No. 688) 100 Or3EB No. 688  
From farm to freezer. 19 p. 1948. (Wash. Col. Agr. Ext. Bul. No. 375) 100 W27EB No. 375  
Home freezers: their selection and use. 16 p. 1949. (USDA Misc. Pub. No. 687) 1 Ag84M No. 687  
Pork on the farm: killing, curing and canning. 38 p. 1949. (USDA Farmers' Bul. No. 1186 rev.) 1 Ag84F No. 1186  
Sun-drying fruits. 19 p. 1949. (Calif. Agr. Expt. Sta. Cir. No. 392) 100 C12S No. 392

## FORESTRY

The Charles Lathrop Pack demonstration forest, Warrensburg, N. Y.; results of twenty years of intensive forest management, by C. H. Foster & B. P. Kirkland. 36 p. 1949.  
Converting factors and tables of equivalents used in forestry. 48 p. 1949. (USDA Misc. Pub. No. 225 rev.) 1 Ag84M No. 225  
Forest management education in Oregon, by W. F. McCulloch. 119 p. 1949. 99.06 M  
Forest resources of northeast Washington. 29 p. 1949. (Northern Rocky Mountain Forest & Range Experiment Station. Station Paper No. 21) 1.9 F76 N8153  
Forest type classification for Pacific Northwest region. 15 p. 1949. 1.9622 P2F764  
Form-class volume tables for sugar pine and red fir in California. 137 p. 1949. (California Forest & Range Experiment Station Research Note No. 61) 1.9 F7626R No. 61  
A revised yield table for Douglas-fir. 17 p. 1948. 1.9622 P2R32  
Seasoning California black oak. 8 p. 1949. (California Forest & Range Experiment Station Research Note No. 62) 1.9 F7626R No. 62  
Sorenson log rule: the cubic foot standard of log volume. 1947.  
A study of a stocking survey system and the relationship of stocking percent as determined by this system to number of trees per acre. 40 p. 1949. (Oreg. State board of forestry. Research bulletin No. 1)  
Use of "ammato" for poisoning Ponderosa pine in stand improvement. 5 p. 1949. (Southwestern Forest & Range Experiment Station Research Note No. 118) 1.9 F76 So85R No. 118



## IRRIGATION

Flow of water in channels protected by vegetative linings. 115 p. 1949. (USDA Tech. Bul. No. 967) 1 Ag84Tc No. 967  
Land drainage. 24 p. 1949. (Calif. Agr. Expt. Sta. Cir. No. 391) 100 C12S No. 39  
Seepage losses from irrigation channels. 100 p. 1948. (Colo. Agr. Expt. Sta. Tech Bul. No. 38) 100 C71S No. 38  
Sprinkler irrigation costs for vegetable crops in the Willamette Valley, Oreg. 20 p. 1949. (Oreg. Agr. Expt. Sta. Bul. No. 463) 100 Or3 No. 463  
Sprinkling for irrigation. 19 p. 1948. (Calif. Agr. Expt. Sta. Cir. No. 388) 100 C12S No. 388

## RABBITS, GUINEA PIGS, HAMSTERS

Backyard rabbit raising for meat production. 20 p. 1947. (Wash. Agr. Col. Ext. Bul. No. 295 rev.) 100 W27EB No. 295  
Common diseases of domestic rabbits. 7 p. 1949. (Oreg. Agr. Col. Ext. Cir. No. 534) 275.29 Or32C No. 534  
Feed required to produce 6-pound rabbits after weaning and conditions affecting their carcass grades and cuts. 20 p. 1949. (USDA Cir. No. 819) 1 Ag84C  
The guinea pig. 7 p. 1949. (USDA Leaflet No. 252) 1 Ag84L No. 252  
Hamster raising. 6 p. 1949. (USDA Leaflet No. 250) 1 Ag84L No. 250  
Raising laboratory mice and rats. 10 p. 1949. (USDA Leaflet No. 253) 1 Ag84L

## RANGE MANAGEMENT

Forage utilization on summer cattle ranges in Eastern Oregon. 27 p. 1948. (USDA Cir. No. 796) 1 Ag84C No. 796  
Heavy stocking - a handicap to range sheep production. 6 p. 1948. (Intermountain Forest & Range Experiment Station Research Paper No. 17) 1.9622 I2R31 No. 17  
Grazing spring-fall sheep ranges of southern Idaho. 34 p. 1949. (USDA Cir. No. 808) 1 Ag84C No. 808  
How to keep and increase black grama on southwestern ranges. 8 p. 1948. (USDA Leaflet No. 180 rev.) 1 Ag84L No. 180  
Range management and sheep production in the Bridger Mountains, Montana. 30 p. 1949. (Mont. Agr. Expt. Sta. Bul. No. 444) 100 M76 No. 444  
A selected bibliography of range management literature published in 1947, by Grant A. Harris. 14 p. 1948. 1.9622 N3Sc4 No. 2  
A selected bibliography of range management literature published in 1948, by Grant A. Harris. 14 p. 1949. 1.9622 N3Sc4 No. 3  
Stocking northern Great Plains sheep range for sustained high production. 39 p. 1949. (USDA Cir. No. 804) 1 Ag84C No. 804  
Weight and gain of range calves as affected by rate of stocking. 26 p. 1949. (Mont. Agr. Expt. Sta. Bul. No. 463) 100 M76 No. 463

## WRITING

Let's prepare a publication. 84 p. 1949. (N. Y. Agr. Col. (Cornell) Ext. Bul. No. 753) 100 N48C No. 753

"To know how to find in books and journals just the information you need - that is to hold the col of wisdom by the tail."

-John Cotton Dana

NEW SUBSCRIPTIONS IN 1950

The titles listed below will be added to our periodical list in 1950. If you are interested in having any of them routed to you regularly please notify the Library immediately.

California Mining Journal. m.  
Economic Botany. q.  
Educational Screen. m. (Film News has been dropped)  
Farm Quarterly. q.  
Journal of the British Grassland Society. q.  
Journal of Range Management. m.  
Sports Afield. m. (Field & Stream has been dropped)

\* \* \* \* \*

If publications which you have requested are not received within a reasonable length of time please let us know. When the publication is not available locally your request is forwarded to the Main Library in Washington. We have no way of knowing that your request has not been taken care of unless you notify us.

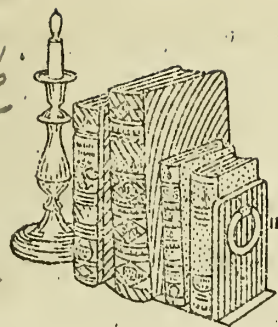
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Only urgent requests will be mailed from the Library immediately preceding Christmas, but send your requests any time and they will be ready to go as soon as the holiday rush is past.

M E R R Y C H R I S T M A S

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Librarian

DEC 23 1949



# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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Vol. 8, No. 11-12

Nov.-Dec. 1949

## NEW BOOKS

AMERICAN SOCIETY FOR HORTICULTURE SCIENCE. Proceedings. East Lansing, Mich.  
81 S612

The Library has just received volumes 51, 52 and 53.

AMERICAN SOCIETY OF CIVIL ENGINEERS. Transactions, vol. 114, 1949. 1368 p.

Partial contents: Analysis of frames with elastic joints; The significance of pore pressure in hydraulic structures; The relationship between pile formulas and load tests; Lateral earth pressures on flexible retaining walls; Highway bridge floors.

BAKER, RICHARD ST. BARBE. Green glory: the forests of the world. 253 p. N. Y. A. A. Wyn, Inc., 1949 99 B172G

"Mr. St. Barbe Baker, with first-hand knowledge of the subject, has written a most useful guide to the world's forest resources and their importance to men ... The depletion of forests in a great number of regions of the world, if unchecked, is bound to lead to serious consequences. Forested areas can be placed on a sustained yield basis. Green Glory will make a real contribution to an understanding of this fact, and ultimately of the devastation of the land which results from deforestation."

Fairfield Osborn, author of Our Plundered Planet

COPE, CHANNING. Front Porch Farmer. 171 p. Atlanta, Ga., Turner E. Smith & Co. 1949. 31.3 C79

"Front Porch Farmer is a book that should be read at one sitting - and preferably on your front porch, on a Sunday afternoon, where you can hear the birds chirping under the lawn sprinkler, listen to the song of the locust, and watch a pair of quail tripping sedately around the shrubbery. By doing it this way, you can get the real feel of the book - as if you actually were chatting with Channing Cope about "taking "frustration, confusion, and drudgery" out of farming - making it a foolproof, weatherproof business, as he claims he has done."

Verna C. Mohagen in Soil Conservation

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Obtain copies through your regular supply channels.  
The Library does not have them for distribution.



FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Agricultural Studies.  
Washington, D. C., 1949. 28 F73

- No. 5. Nutritional deficiencies in livestock, by R. T. Allman and T. S. Hamilton. 101 p.  
No. 6. Storing and drying grain in Canada, in the U. S., in the United Kingdom, by L. E. Kirk and others. 41 p.  
No. 7. Better utilization of milk; an FAO study prepared by D. A. Soule. 76 p.  
No. 8. Rinderpest vaccines; their production and use in the field, by K. V. L. Kesteven. 71 p.

FORESTRY DIRECTORY. 420 p. Washington, D. C., American Tree Assoc., 1949.  
99 Am3 1949

Partial contents: Forestry in the Department of Agriculture; Forestry in the Department of the Interior; Important forestry legislation; National Forestry Associations; National organizations with forest conservation programs; Regional and industrial organizations; State forestry and conservation organizations; Forestry education.

INTER-AMERICAN CONFERENCE ON RENEWABLE NATURAL RESOURCES. Abstracts of Papers.  
105 p. Denver, Colo., 1948. 279.9 In83Cc

KIRKPATRICK, WALTER G. European Agriculture as observed ... in his visit to the seven European countries of England, France, Belgium, Luxembourg, occupied Germany, Denmark and Holland. 74 p. n. p., 1948? 33 K63

The author is Agricultural Agent in Antrim County, Michigan.

MCWILLIAMS, CAREY. California: the great exception. 377 p. N. Y., A. A. Wyn, 1949. 138 M25C

"Mr. McWilliams declares that California is the great exception among the states - not in any one respect but in all respects. Its geographical position is unique; its historical background is unique; even its soils are unique. Its assets cannot be likened to those of any other state, nor can its problems.

"California: the great exception provides an integrated, fresh, and most realistic account of the wide range of California affairs - its history, its population, its agriculture, its politics, its social history and behavior, its culture. While many of the author's conclusions will come as a surprise to Californians and will arouse much discussion and controversy in the state, it is a work that will also be read by the rest of the nation in order to acquire a realistic understanding of California without the myths and fables."

MARTIN, JOHN N. & LEONARD, WARREN H. Principles of Field Crop Production. 1176 p. Macmillan, 1949. 64 M36

This large book on field crop production is of national scope. The major crops are grouped into chapters according to their botanical relationships. One chapter discusses such miscellaneous industrial crops as ginseng, dill, mint and sesame.

NORTH AMERICAN WILDLIFE CONFERENCE. Transactions of the fourteenth ... 1949,  
... Washington, D. C. 638 p. Washington, D. C., Wildlife Management Inst  
1949. 412.9 N814 1949

The theme of the program of the Conference was, "Today's Problems - Tomorrow's  
Tragedies?"

PRESTON, JOHN FREDERICK. Farm Wood Crops. 302 p. N. Y., McGraw-Hill, 1949.  
99.61 P92

"This new text relates forestry to farming and shows that the farm woodland  
presents farm problems that must be solved before farm forestry can become  
permanently a part of agriculture. The book is a technical guide to the  
development of farm forestry and a clear distinction between commercial  
and integrated farm forestry. The farm economic angles of forestry are  
presented and the forestry techniques needed in the initial stages of wood  
management are thoroughly discussed. The author tells why the farmer  
should grow wood as a farm crop, and after he has decided to do it, how to  
take the first steps in farm woodland management."

ROHRER, MARGARET AND DECKER, KENNETH. Water Resources Problems in California.  
47 p. Berkeley, Calif., 1949. (Calif. Univ. Bur. of Public Adm. 1949  
Legislative Problems No. 6) 280 C1222

SEED TRADE BUYERS GUIDE, 1950. 248 p. Chicago, Seed World Pub., 1950. 62 Se3

VAN HOOK, ANDREW. Sugar: its production, technology, and uses. 155 p. N. Y.,  
Ronald Press Co., 1949. 65 V31

"This book is intended for everyone interested in sugar and the sugar in-  
dustry. Its purpose is to meet the needs of those who are inquisitive  
about the subject by bringing together in readable and understandable form  
the essential facts about the growing, processing, and refining of sugar,  
the scientific basis of its technology, and its many and diverse uses -  
both present and potential".

#### SELECTED PAMPHLETS

##### FARM BUILDINGS

Easy-to-build kitchen cabinets for the remodeled farmhouse. 23 p. 1949. (USDA  
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